

S/N 09/911,143

PATENT

IN THE CLAIMS

Amendments To The Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Please cancel claims 1-15, 21-22, 25-26.

Please add the following new claims 27-32:

1-15 (Canceled)

16. (Original) An optical recording/reproducing apparatus for recording or reproducing signals on a first optical recording medium including only one recording layer and on a second optical recording medium including a plurality of recording layers, the optical recording/reproducing apparatus comprising:

an optical head for recording or reproducing signals on the first and second optical recording media, the optical head comprising:

a light source; and

a spherical aberration correction means arranged between the optical recording medium and the light source;

wherein a distance from a surface of the first optical recording medium to the one recording layer A included in the first optical recording medium is substantially the same as the distance from a surface of the second optical recording medium to one recording layer B included in the second optical recording medium.

17. (Original) The optical recording/reproducing apparatus of Claim 16, wherein, in an initial state before recording or reproducing signals on the first or the second optical recording medium, the spherical aberration correction means is driven so as to correct spherical aberration of the recording layer A.

S/N 09/911,143

PATENT

18. (Original) The optical recording/reproducing apparatus of Claim 17, wherein, when recording or reproducing signals on a recording layer C of the second optical recording medium, which is different from the recording layer B, the spherical aberration correction means is driven so as to correct spherical aberration of that recording layer C.

19. (Original) The optical recording/reproducing apparatus of Claim 17, further comprising a focus control means;

wherein, the initial state, after driving the spherical aberration correction means so as to correct spherical aberration of the recording layer A, focus control is performed with the focus control means.

20. (Original) The optical recording/reproducing apparatus of Claim 17, wherein administrative information of the second optical recording medium is stored in the recording layer B.

21-22 (Canceled)

23. (Original) A recording/reproducing method for recording or reproducing signals with an optical recording/reproducing apparatus on a first optical recording medium including only one recording layer and on a second optical recording medium including a plurality of recording layers,

wherein the optical reproducing/reproducing apparatus includes a spherical aberration correction means;

wherein a distance from a surface of the first optical recording medium to the one recording layer A included in the first optical recording medium is substantially the same as the distance from a surface of the second optical recording medium to one recording layer B included in the second optical recording medium; and

wherein the method includes a first step of driving the spherical aberration correction means so as to correct spherical aberration of the recording layer A, before recording or reproducing.

S/N 09/911,143

PATENT

24. (Original) The recording/reproducing method according to Claim 23, further including a second step, carried out after the first step, wherein, when recording or reproducing medium, which is different from the recording layer B, the spherical aberration correction means is driven so as to correct spherical aberration of that recording layer C.

25-26 (Canceled)

27. (New) An optical recording medium with respect to which information is recorded or reproduced using a light source emitting light with a wavelength of 390 nm to 420 nm and an optical head including an objective lens with a NA of 0.7 to 0.9,

wherein the optical recording medium comprises two or more recording layers on which information is recorded, and

a distance from one of the plurality of recording layers to a surface of the optical recording medium is approximately 100 μ m.

28. (New) The optical recording medium according to claim 27, comprising no more than two recording layers.

29. (New) The optical recording medium according to claim 28,

wherein a distance from the surface of the optical recording medium to a first recording layer is approximately 100 μ m, and

a distance from the surface of the optical recording medium to a second recording layer is larger than 100 μ m.

30. (New) The optical recording medium according to claim 28,

wherein a distance from the surface of the optical recording medium to a first recording layer is approximately 100 μ m, and

a distance from the surface of the optical recording medium to a second recording layer is smaller than 100 μ m.

S/N 09/911,143

PATENT

31. (New) The optical recording medium according to claim 27, wherein administrative information of the optical recording medium is recorded at a position of approximately 100 μm from the surface of the optical recording medium.

32. (New) A multilayered optical recording medium used in an optical recording/reproducing apparatus comprising a spherical aberration correction means that is for carrying out recording/reproducing with respect to a single-layered optical recording medium comprising only one recording layer on which information is recorded and with respect to each of layers of a multilayered optical recording medium comprising two or more recording layers on which information is recorded,

wherein each of the single-layered optical recording medium and the multilayered optical recording medium comprises administrative information recorded thereon concerning the respective optical recording media, and

a distance from a surface of the multilayered optical recording medium to the administrative information recorded on the multilayered optical recording medium is substantially the same as a distance from a surface of the single-layered optical recording medium to the administrative information recorded on the single-layered optical recording medium.